

EAST - [default.wsp:1]

File View Edit Tools Window Help

Display: | (16x14)

EAST

ISER:
BRS:
ISER:
ISER:
BRS:
ISER:
BRS:
ISER:
BRS:
BRS:
BRS:
BRS:
BRS:
Pending
Active
L1: (52) ("6,545,063") or ("6,414,046") or ("
L3: (2169410) acid
L4: (2) 11 and 13
L5: (63663) formic acid acid
L6: (2) 14 and 15
L7: (6) ("6121337") or ("6274642") or ("67533
L8: (3) 13 and 17
L9: (2) ("5883146").FM
L10: (2) 19 and 13
Failed
L12: (2169410) acid
Saved
Favorites

amine gps., most preferably toluene diamine and/or 2-6C aliphatic polyamine(s). Average CH number of the polyol composition is over 300 and the average functionality is 4.0 or greater. Formic acid is present in amt. 2.0-7.5 wt. % or more wt. wt. of the polyol composition.

USE - Manufacture of rigid thermal insulation foams.

ADVANTAGE - The composition has good flow characteristics and dimensionally stability.

ABSTRACTED-PUB-NO: US 5762522A

EQUIVALENT-ABSTRACTS:

The polyol composition comprises: (a) cpds. having two or more isocyanate reactive N; (b) formic acid (salt); and (c) a 1-4C hydrofluorocarbon of b.p.t. 30°C or less.

Also claimed are: a system, and a method of making a closed cell rigid polyisocyanate foam.

Preferably the 1-4C hydrofluorocarbon comprises 1,1,1,2-tetrafluoroethane in amt. 4 p.b.w. or more wt. 100 p.b.w. of the combined wt. of the polyol composition and an isocyanate, 80 wt.-% or more of the cpds. having isocyanate reactive N comprise polyoxalkylene polyether polyols which are more preferably initiated with initiators comprising compounds containing prim. and/or sec. amine gps., most preferably toluene diamine and/or 2-6C aliphatic polyamine(s). Average CH number of the polyol composition is over 300 and the average functionality is 4.0 or greater. Formic acid is present in amt. 2.0-7.5 wt. % or more wt. wt. of the polyol composition.

Document No.	Issue Date	Pages	Title	Current GW	Current WO#	Patentee	1	2	3	4
US 5883146 A	19990316	11	Dimensionally stable closed cell rigid polyisocyanate	521/174	252/152.15, 252/152.2	Tucker, John R.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CA 2169416 A	19960620	10	Polyol composition for rigid foam production -			TUCKER, J R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Printed on 10/10/2000
2000

Best Available Copy